

ABSTRACT

A GAS TURBINE ENGINE NOSE CONE

A gas turbine engine nose cone (44) comprises a spinner (46) and a fairing (48). The spinner (46) has a conical upstream portion (50) and a cylindrical base portion (52). The fairing (48) is frustoconical and surrounds the base portion (52) of the spinner (46). The outer surface (68) of the fairing (48) forms a continuation of the outer surface (56) of the conical upstream portion (50) of the spinner (46). A fibrous material (86) extends around the upstream end (82) of the fairing (48). The outer surface (68) of the fairing (48) has a skin (80) to protect the fairing (48) from erosion. The skin (80) extends around the upstream end (82) of the fairing (48) and is infiltrated into the fibrous material (86) to form a composite material and to bond the skin (80) to the upstream end (82) of the fairing (48).

(Figure 3)